

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

### NOTICE OF ACCEPTANCE (NOA)

PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

MIAMI-DADE COUNTY

Moore Custom Woodworking Inc. 10046 Bavaria Road Fort Myers, FL. 33913

#### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "#1" Outswing Glazed Wood Doors-L.M.I.

**APPROVAL DOCUMENT:** Drawing No. **NOA-G2010 Rev #3**, titled "Series #1 Outswing Glazed Doors" Sheets 1 through 08 of 08, dated 06/24/10 and last revised on 06/15/15, prepared by Liebl & Barrow Structural Engineering, signed and sealed by Brian Liebl, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

#### MISSILE IMPACT RATING: Large Missile Impact Resistant

#### Limitations:

- 1. Min Wood species to be used is Sapele (S.G.=0.55 & E= 1, 700, 000 psi) or better and <u>only</u> for Jambs min Poplar (S.G.=0.42 & E= 1, 580, 000 psi) or better
- 2. See sheet  $\underline{1}$  for Design pressure ratings based on hardware option I or II and water rating on sheet  $\underline{7}$ . Only threshold item #30 (1-3/4" composite Threshold) is rated for max. +62 PSF.
- 3. See Partial raised panel glazing detail in sheet 3 and glazed door panel configurations in sheet 6.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Kall/Eifel, Germany and series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 12-1019.13 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No. 14-0714.09 Expiration Date: February 24, 2016 Approval Date: September 03, 2015 Page 1

#### Moore Custom Woodworking Inc.

#### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS (Submitted under files# see below)
  - 1. Manufacturer's die drawings and sections.
  - 2. Drawing No. NOA-G2010 Rev #3, titled "Series #1 Outswing Glazed Doors" Sheets 1 through 08 of 08, dated 06/24/10 and last revised on 06/15/15, prepared by Liebl & Barrow Structural Engineering, signed and sealed by Brian Liebl, P.E.
- B. TESTS (Submitted under files# 12-1019.13/#10-0706.01)
  - 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
    - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
    - 3) Water Resistance Test, per FBC, TAS 202-94
    - 4) Large Missile Impact Test per FBC, TAS 201-94
    - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
    - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

Along with the manufacturers' parts drawings, installation diagram and marked-up drawings of a outswing wood door prepared by Architectural Testing, Inc., Test Report No. 99385.01-401-18 dated 05/28/10, signed and sealed by Joseph A. Reed, P.E.

Note: The test report was revised & reissued on 11/11/10, signed and sealed by Joseph A. Reed, P.E.

2. Additional verification test report No. 99385.02-401-18, dated 11/23/10 per TAS 201 & 202-94, issued by Architectural Testing, signed by Shawn G. Collins, P. E.

#### C. CALCULATIONS

- 1. Anchor verification calculations complying w/ FBC-2014 (5<sup>th</sup> Edition), prepared by Liebl & Barrow Structural Engineering, dated 06/05/15, signed and sealed by Brian Liebl, P.E.
- 2. Glazing complies with ASTME-1300-02, -04 and &-09.

#### D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

#### E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 12-1231.08 issued to Eastman Chemical Co(MA) former Solutia Inc, for "Saflex CP: Saflex & Saflex HP Composite Glass Interlayer w/ PET", expiring on 12/11/2018.

#### F. STATEMENTS

- 1. Statement letter of conformance to FBC 2014(5<sup>th</sup> Edition) and letter of no financial interest, prepared by Liebl & Barrow Structural Engineering, dated 06/05/15, signed and sealed by Brian Liebl, P.E.
- 2. Lab compliance as part of the above referenced test report.

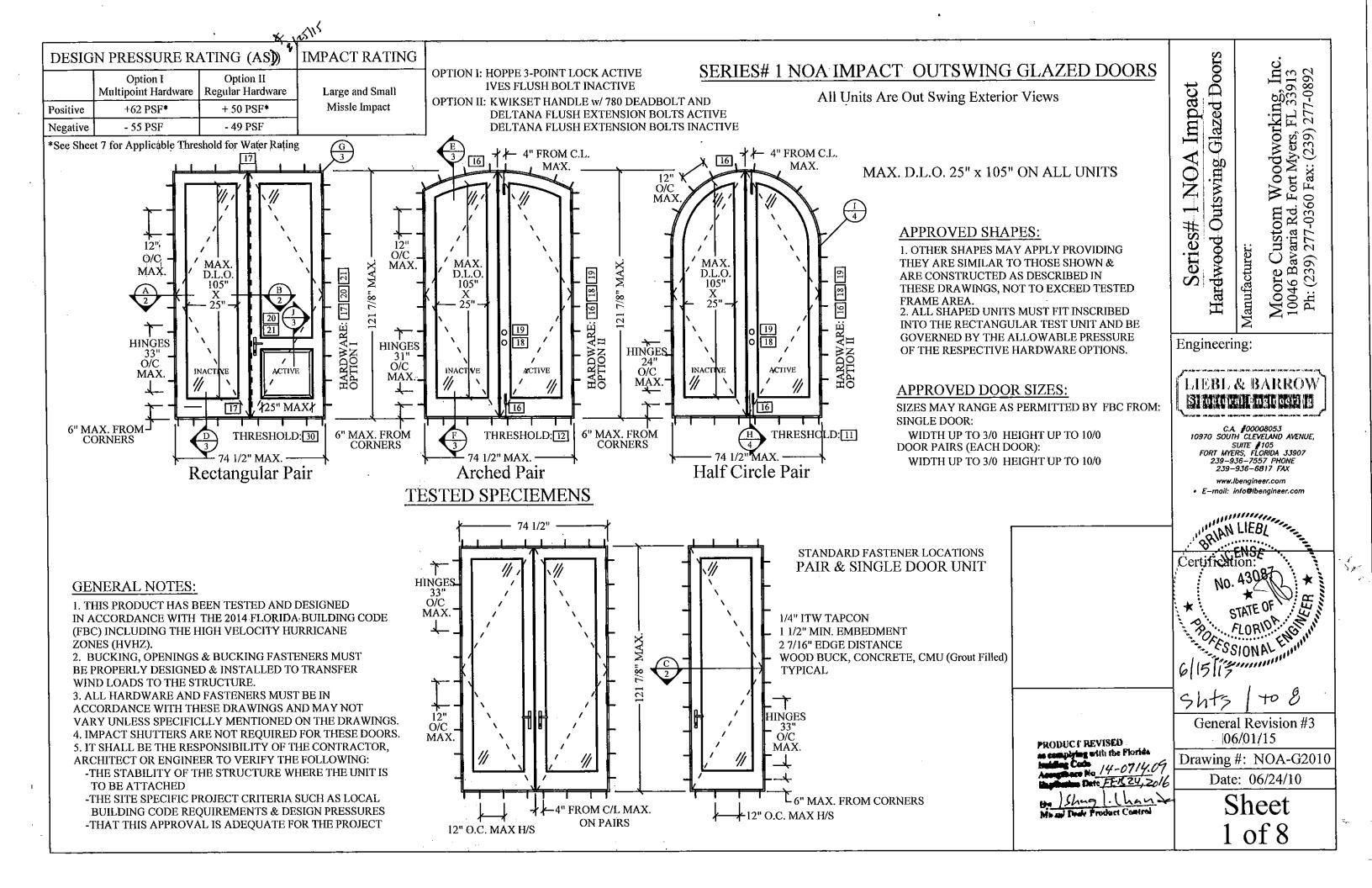
#### G. OTHER

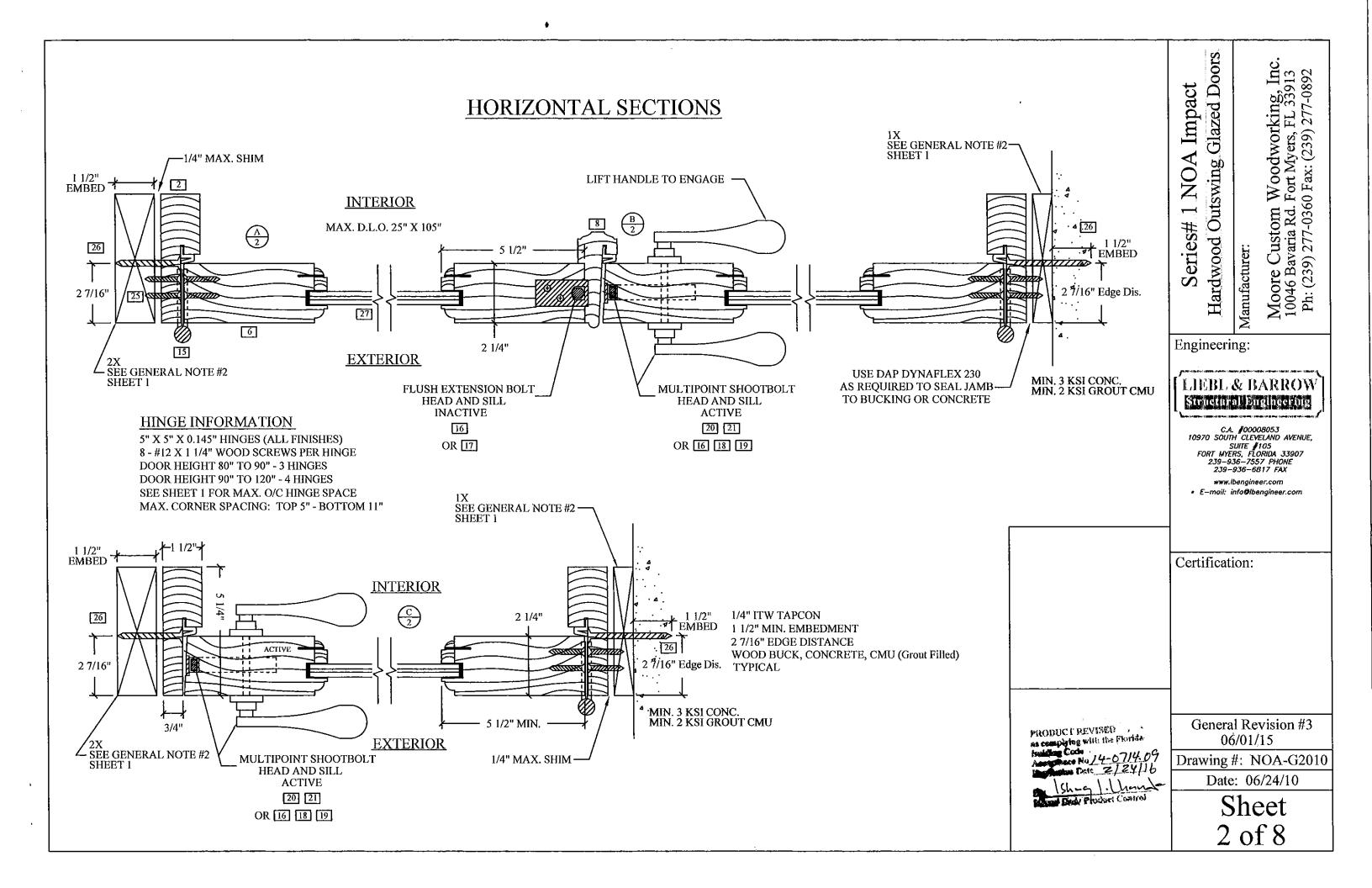
- 1. This NOA revises NOA # 12-1019.13, expiring on 02/24/16.
- 2. Test proposal dated 09/21/10, approved by BCCO.

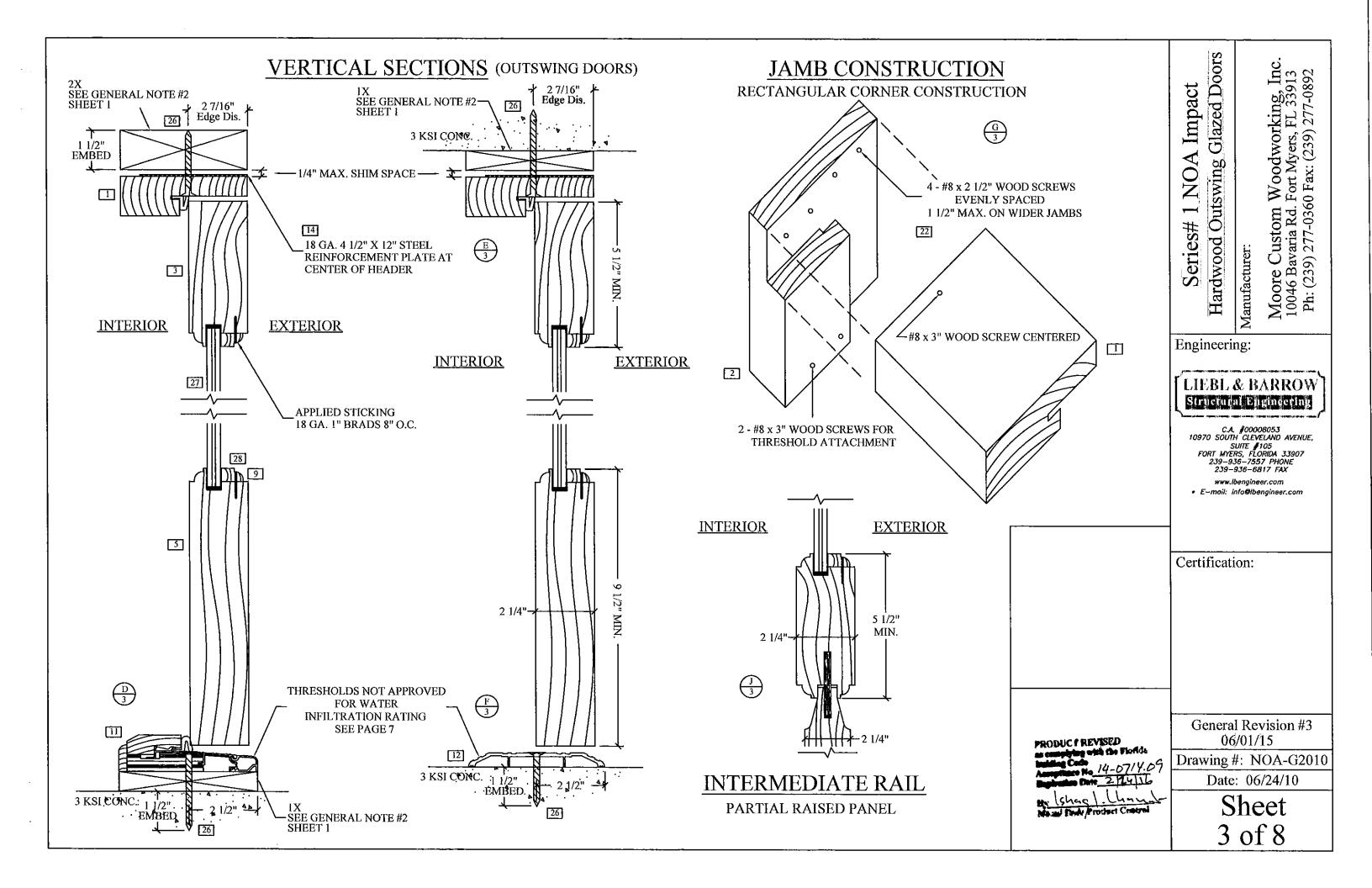
Ishaq I. Chanda, P.E.

Product Control Examiner NOA No. 14-0714.09

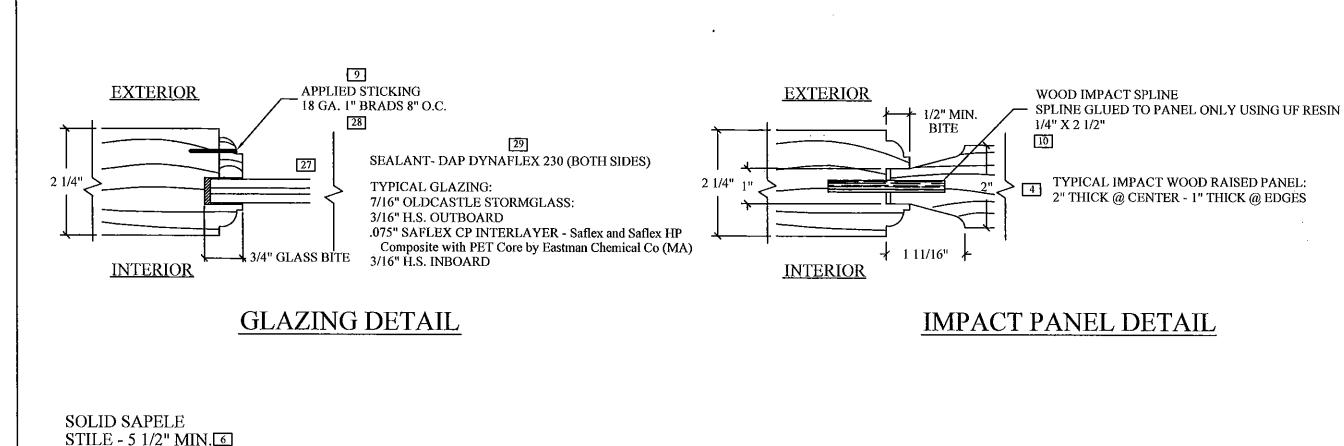
Expiration Date: February 24, 2016 Approval Date: September 03, 2015







#### Hardwood Outswing Glazed Doors Moore Custom Woodworking, Inc. 10046 Bavaria Rd. Fort Myers, FL 33913 Ph: (239) 277-0360 Fax: (239) 277-0892 **FLUSH EXTENSION BOLT** DOOR CONSTRUCTION JAMB CONSTRUCTION Impact (2) ACTIVE DOOR FACE (2) INACTIVE DOOR EDGE STILE TO CIRCLE TOP RAIL JAMB LEG TO CIRCLE TOP HEADER 3/4" NOA RADIUS JAMBS ARE LAMINTED WOOD TITEBOND TYPE II GLUE LOCK LOCATED ON FACE Series# OF LOCKING ACTIVE STILE TOP AND BOTTOM OF DOOR LOCKED 57 22 WOOD SPLINE 16 1/2" x 2 1/2" x 5" Engineering: 7 2 - #8 x 3" WOOD SCREWS UNLOCKED 2 - #8 x 2 1/2" WOOD SCREWS $\frac{H}{4}$ LIEBL & BARROW $\begin{pmatrix} 1 \\ 4 \end{pmatrix}$ **EVENLY SPACED** Structural Engineering 1 1/2" MAX. ON WIDER JAMBS **DELTANA** FLUSH EXTENSION BOLTS C.A. #00008053 10970 SOUTH CLEVELAND AVENUE, SUITE #105 FORT MYERS, FLORIDA 33907 239–936–7557 PHONE 239–936–6817 FAX WITH STANDARD HANDLESET AND DEADBOLT OPTION $\frac{1}{4}$ • E-mail: info@lbengineer.com **EXTERIOR** INTERIOR 2 1/4" Certification: 2 1 1/2"-3 KSI CONC. General Revision #3 06/01/15 Drawing #: NOA-G2010 5 1/4" Date: 06/24/10 Sheet



BOTTOM RAIL - 9 1/2" MIN. [3]



ALL STILE TO RAIL JOINTS ARE BLIND MORTISE AND TENON WITH A MORTISE IN THE STILE AND TENON ON THE RAIL MORTISE DEPTH: 2"

TENON LENGTH: 13/4"

ALL JOINTS ARE GLUED USING A UREA FOMALDAHYDE (UF) RESIN

LIEBL & BARROW Structural Engineering

Engineering:

Hardwood Outswing Glazed Doors

Impact

NOA

Series#

Moore Custom Woodworking, Inc. 10046 Bavaria Rd. Fort Myers, FL 33913 Ph: (239) 277-0360 Fax: (239) 277-0892

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www.lbengineer.com E-mail: info@lbengineer.com

Certification:

**PRODUCT REVISED** 

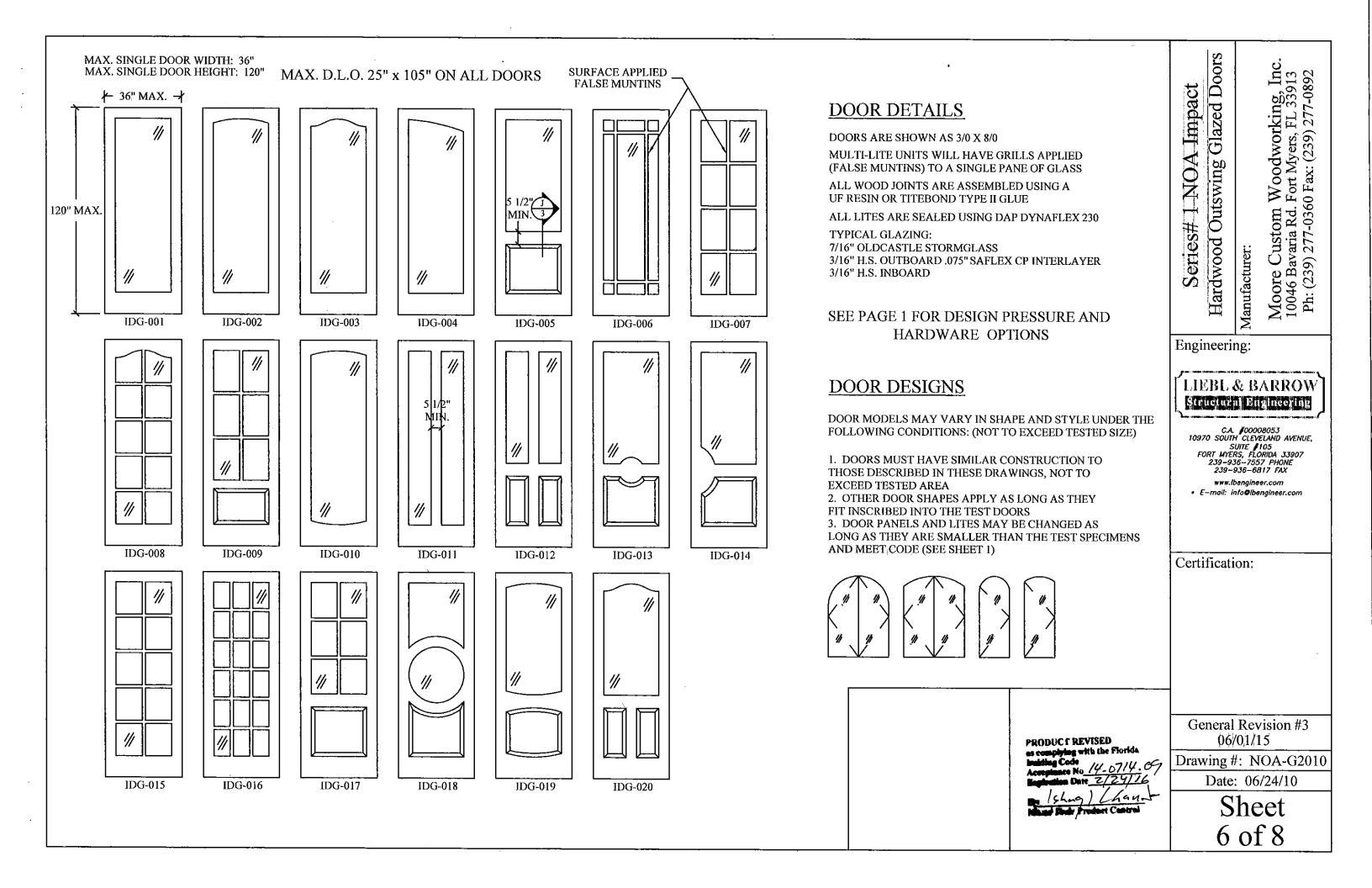
General Revision #3 06/01/15

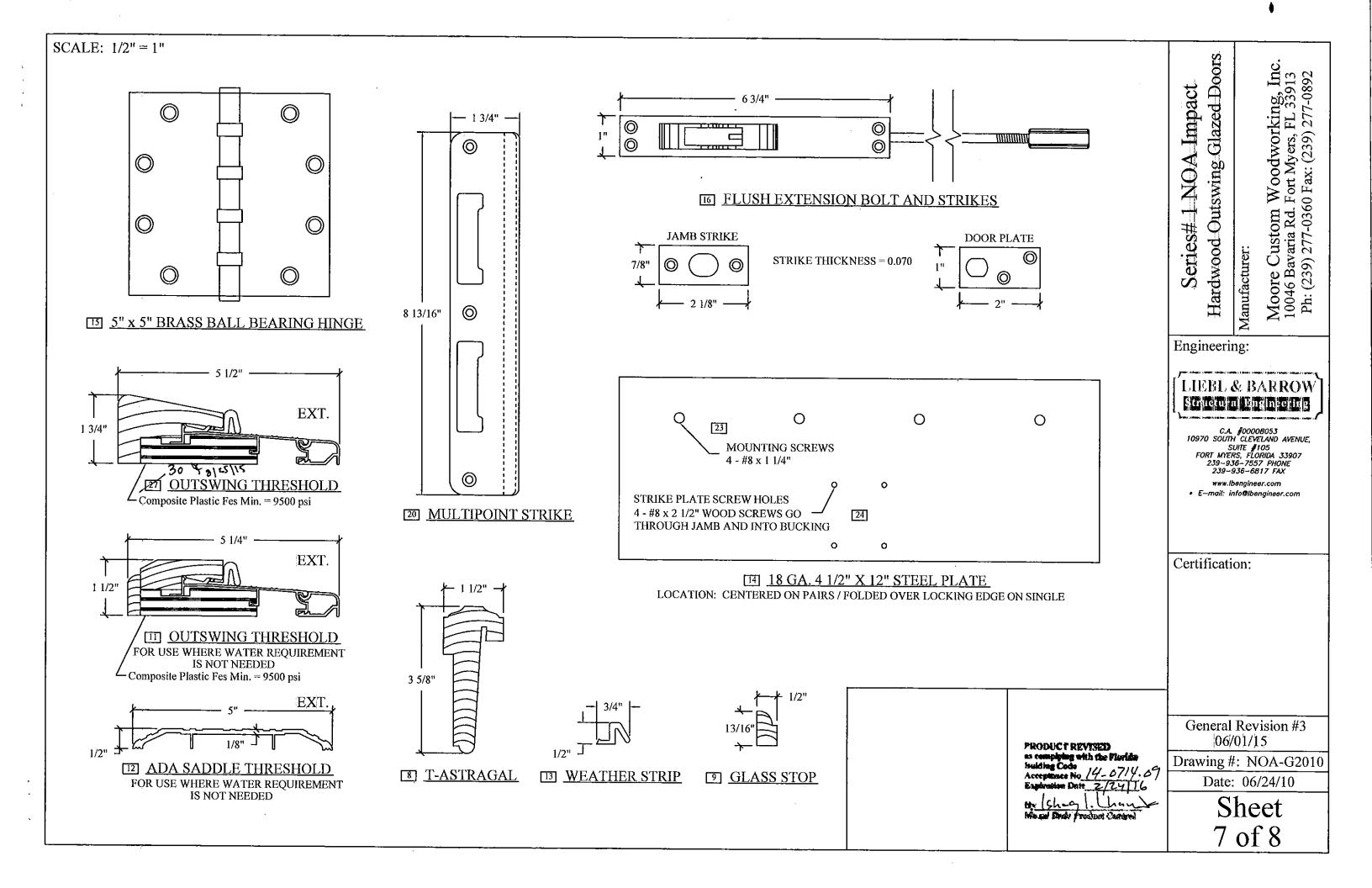
Drawing #: NOA-G2010

Date: 06/24/10

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**SOLID SAPELE SOLID SAPELE** TOP RAIL - 5 1/2" MIN. 3





## MATERIAL LIST

ITEM#	QTY	PART DESCRIPTION	SIZE	MATERIAL REMARKS
1	1	JAMB HEADER	1 1/2" x 5 1/4" *	HARDWOOD** LENGTH VARIES
2	2	JAMB LEGS	1 1/2" x 5 1/4"	HARDWOOD** LENGTH VARIES
3	2	DOOR TOP RAIL	2 1/4" x 5 1/2" MIN.	HARDWOOD* LENGTH VARIES
4	2	RAISED PANEL	2" MIN.	HARDWOOD* LENGTH/WIDTH VARIES
5	2	DOOR BOTTOM RAIL	2 1/4" x 9 1/2" MIN.	HARDWOOD* LENGTH VARIES
6	4	DOOR STILE	2 1/4" x 5 1/2" MIN.	HARDWOOD* LENGTH VARIES
7	2	RAIL SPLINE	1/2" x 2 1/2" x 5"	HARDWOOD* CIRCLE TOP ONLY
8	1	T-ASTRAGAL	1 1/2" x 3 5/8"	HARDWOOD* LENGTH VARIES
9	AS REQUIRED	GLASS STOP	1/2" x 13/16"	HARDWOOD*
10	AS REQUIRED	IMPACT SPLINE	1/4" x 2 1/2"	HARDWOOD* SURROUNDING PANELS
11	1	THRESHOLD	1 1/2" x 5 1/4"	WORLD WIDE DOOR 99-2340/ WATER REQ. NOT NEEDED
12	1	ALUMINUM THRESHOLD	1/2" x 5"	WORLD WIDE DOOR 99-9750 / ADA / WATER REQ. NOT NEEDED
13	AS REQUIRED	WEATHER STRIP	3/4" x 1/2"	QLON QDS-650
14	1	STEEL PLATE	4 1/2" x 12"	18 GA. SAE 1060 OR STRONGER
15	AS REQUIRED	HINGES	5" x 5" x 0.145"	DELTANA OR EMTEK / SEE PG. 2 FOR MORE INFORMATION
16	4	FLUSH EXTENSION BOLT	1" x 6 3/4"	DELTANA 2 EA. INACTIVE DOOR 2 EA. ACTIVE DOOR (HW. OPTION II)
17	2	FLUSH EXTENSION BOLT	1" x 6 3/4"	IVES 2 EA. INACTIVE DOOR (HW. OPTION I)
18	1	KWIKSET HANDLESET	VARIES	ANSI GRADE 3 MIN. (HW. OPTION II)
19	1	KWIKSET 780 DEADBOLT	VARIES	ANSI GRADE 2 MIN. (HW. OPTION II)
20	1	MULTIPOINT HARWARE	VARIES	HOPPE 3 POINT SHOOTBOLT MIN. (HW. OPTION I)
21	1	MULTIPOINT HANDLESET	VARIES	MANUFACTURES VARY
22	AS REQUIRED	JAMB SCREWS	#8 x 2 1/2" TO 3"	STEEL / ZINC PLATED SEE PG. 3-4 FOR MORE INFORMATION
23	4	STEEL PLATE MOUNTING SCREWS	#8 x 1 [/4"	STEEL / ZINC PLATED
24	4	STRIKE PLATE MOUNTING SCREWS	#8 x 2 1/2"	STEEL
25	8 PER HINGE	HINGE SCREWS	#12 x 1 1/4"	BRASS OR STEEL TO MATCH HINGE
26	AS REQUIRED	INSTALLATION SCREWS	1/4" ITW TAPCON	LENGTH REQUIRED FOR 1 1/2" EMBEDMENT / SEE PG. 1 FOR SPACING
27	2	IMPACT GLASS	7/16"	STORMGLASS 3/16" H.S. INBOARD/OUTBOARD LITE .075 SOLUTIA INNERLAYER
28	AS REQUIRED	STICKING BRADS	18 GA. x 1 1/4"	SPACING 8" ON CENTER
29	AS REQUIRED	SEALANT	N/A	DAP DYNAFLEX 230
30	1	THRESHOLD	1 3/4" x 5 1/2"	WORLD WIDE DOOR 99-2340 w/ MODIFIED CAP

\*WOOD SPECIES OF EQUAL OR GREATER DENSITY AND STRENGTH MAY BE SUBSTITUTED FOR ALL WOOD COMPONENTS (SAPELE USED)

\*\*POPLAR USED FOR DOOR JAMBS

SAPELE (Wood Components) POPLAR (Jamb Use Only)

MIN. SPECIFIC GRAVITY

0.55

(or greater)

0.42

MIN. MODULUS OF ELASTICITY

1.7 x 10<sup>6</sup> psi

1.58 x 10<sup>6</sup> psi

(or greater)

PRODUCT REVISED
as complying with the Florida
huiding Code
Acceptance No 14-07/4.09
Expiration Date FEB 24,20/

Series# 1 NOA Impact Hardwood Outswing Glazed Doors

Engineering:

# LIEBL & BARROW Structural Engineering

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Certification:

General Revision #3 06/01/15

Drawing #: NOA-G2010

Date: 06/24/10

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